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On December 19, 2000
By: D. Grunewalder

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(n.e.)

PATENT
Attorney Docket No.: 14538A-005110US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ANDREW KOFF et al.

Application No.: 08/973,823

Filed: December 10, 1997

For: METHODS FOR ENHANCING
ANIMAL GROWTH AND CELL
PROLIFERATION BY
ELIMINATION OF THE CYCLIN-
DEPENDENT KINASE
INHIBITOR FUNCTION OF
P27^{Kip1}

Examiner: M. Schmidt

Group Art Unit: 1635

AMENDMENT AFTER FINAL

Box AF

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Final Office Action mailed June 21, 2000, please amend this application as follows:

IN THE CLAIMS:

Please cancel claims 1-13 without prejudice to Applicants' right to continue to prosecute the subject matter of these claims in a related, co-pending application.

- OK TO
Enter
5/20/01
MMS
- 1 14. (Twice Amended) A method for increasing the proliferation of
2 thymocytes in a non-human [an] animal [which comprises] comprising altering the gene
3 encoding p27^{Kip1} in a somatic cell of the animal [treating the animal] to cause a functional
4 deficiency of [eliminate the] cyclin-dependent kinase inhibitor function of p27^{Kip1}, thereby
5 increasing the proliferation of thymocytes in the animal.
- n2
in the cell
formation of all the pluripotent

for completed
eliminated